

ABSTRACT

The present invention provides methods for treating tumors, which comprise the step of administering into tumor sites a minus-strand RNA viral vector encoding an immunostimulatory cytokine or cells introduced with the vector. The present invention also provides compositions for treating tumors, which comprise as an active ingredient the minus-strand RNA viral vector encoding an immunostimulatory cytokine or cells introduced with the vector. The present invention also provides kits for treating tumors, which comprise the minus-strand RNA viral vector encoding an immunostimulatory cytokine, and a tumor antigen or a vector expressing the antigen.